6th Annual GNOME Users and Developers
EUROPEAN CONFERENCE

GUADEC
STUTTGART, GERMANY
MAY 29 - 31 ★ 2005

Many Thanks

Welcome

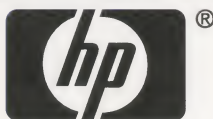**Willkommen.**

In this our sixth year of GUADEC, GNOME Foundation is pleased to come to the Stuttgart Region in Baden-Württemberg.

We are honored by the hospitality and support that has been given to this event in a true partnership between the public sector—Stuttgart Wirtschaftsministerium Baden-Württemberg, Wirschaftsförderung Region Stuttgart and our corporate sponsors—Nokia, IBM, Novell, HP, Imendio and Topalis with the guidance of my fellow GNOME Foundation board members—Jonathan Blandford, Murray Cumming, Jody Goldberg, Miguel de Icaza, Federico Mena-Quintero, David Neary, Christian Schaller, Owen Taylor, Daniel Veillard and Luis Villa.

Without the countless hours contributed to planning and organizing by volunteer helpers in Stuttgart, Brazil, Chile, New Zealand, Europe and North America, GUADEC would be only an idea, not a reality. It is the convergence of technology and human spirit which makes GNOME such a fascinating project and valuable resource. Welcome and we hope you enjoy GUADEC and find it productive.

Timothy Ney, Executive Director
GNOME Foundation

Der GNOME Deutschland e.V. heißt Sie auf der 6. GUADEC herzlich willkommen. Auch dieses Jahr wartet die Konferenz mit internationalen Größen aus Politik und Wirtschaft auf.

Die GUADEC ist traditionell eine zentrale Veranstaltung auch für Projekte rund um GNOME. Wir möchten daher die Entwickler von KDE, Mozilla und OpenOffice begrüßen mit denen GNOME bereits in der Vergangenheit eng zusammengearbeitet hat. Nur durch diese gute Zusammenarbeit ist aus GNOME eine sowohl im privaten als auch im unternehmerischen Umfeld anerkannte Umgebung geworden.

Ganz besonders Dank gilt den Sponsoren, der GNOME Foundation, die den GNOME Deutschland e.V. seit seines Bestehens unterstützt hat, allen freiwilligen Helfern, die viel Zeit in die Vorbereitungen gesteckt haben, Hans-Ulrich Schmid und Arndt Siepmann von der Wirschaftsförderung Region Stuttgart und dem Wirtschaftsministerium Baden-Württemberg. Die GUADEC wäre ohne diese Unterstützung nicht realisierbar gewesen.

Wir wünschen nun allen eine interessante und erfolgreiche Konferenz.

The GNOME Deutschland e.V. welcomes you to the 6th GUADEC. This year's conference features international leaders from both government and industry.

GUADEC is traditionally a central event for GNOME and non-GNOME projects as KDE, Mozilla, and OpenOffice. Therefore, we want to welcome the developers of those projects, with whose we've been successfully working together. This is a key factor why GNOME has become such a successful environment in both the private and the public sector.

We want to thank our generous sponsors, the GNOME Foundation who's been supporting the GNOME Deutschland e.V. since its foundation, all volunteers who've put much efforts in this conference, Hans-Ulrich Schmid and Arndt Siepmann from the "Wirschaftsförderung Region Stuttgart" and the "Wirtschaftsministerium Baden-Württemberg". GUADEC wouldn't have been possible without your help. Thank you!

We now wish you all an interesting and successful conference.

Christian Meyer
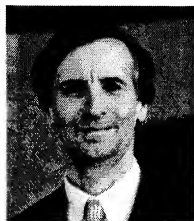1. Vorsitzender
GNOME Deutschland e.V.

KÖNIG-KARL-HALLE

Welcome

Dr. Walter Rogg

Dr. Walter Rogg is the founding director of the Stuttgart Region Economic Development Corporation (WRS) since its inception in 1995. Prior to that he was the founding director at the Saxony Economic Development Corporation and served as its chief executive (CEO) for four years. After receiving a degree in Political Science and a doctorate in Social Sciences from the University of Tübingen he worked as a journalist and editor at the Swabian Newspaper in Leutkirch and with Southwest Broadcasting in Tübingen and Stuttgart. At this point Dr. Rogg joined the Baden-Württemberg Ministry of Commerce where he assumed responsibility for the Department of Press, Public Relations and Location Marketing as its director.

Timothy Ney

Tim Ney has served as the GNOME Foundation's executive director since 2001, having participated in the foundation's formation as a member of its Advisory Board. Mr. Ney has a wealth of experience working for non-profit organizations from technology to arts and media. He served as the Executive Director of the Independent Feature Project, an association of independent filmmakers and has produced documentary and feature films, including one shot in Germany. Previously at the Free Software Foundation, Mr. Ney is very familiar with the free and open software community and business model. He has advised governments in Brazil, Chile and Korea.

Having joined the GNOME Foundation at less than one year from its inception, Mr. Ney has played a crucial role in growing and developing the Foundation in its formative years. He oversees the GNOME Foundation's legal, administrative, and fundraising efforts, as well as the organization of GUADEC, the GNOME Summit in Boston and Forum GNOME in Brasil.

Owen Taylor

Owen Taylor has been a core contributor to GTK+ project for over 8 years, with accomplishments such as coordinating the 2.0, 2.2, and 2.4 releases, redesigning the GDK layer to support multiple platforms, and designing and maintaining the Pango text layout library. With an educational background in Physics, Owen has been working on GTK+ and GNOME at Red Hat since 1998.

BERTHA

The Eclipse IDE and You

Andrew Cowie <andrew@operationaldynamics.com> - Sydney, Australia
Ben Konrath <ben@bagu.org> - Toronto, Canada

The Eclipse IDE is renowned for it's excellent Java development capabilities. The Java-GNOME bindings can use Eclipse (and it's super human Java development powers) for fast, fun and efficient GNOME development.

In the past, one barrier to using Java for Open Source development has been the hassle of using a proprietary JVM. This barrier is rapidly disappearing due to recent advances and collaboration between GNU Classpath, Kaffe, Sable VM, and in particular GCJ, which can now generate stand alone Linux binaries from Java code (!). Sun is also increasingly granting redistribution and build-from-source rights to Linux and BSD distros, so the Java world is looking bright indeed.

Another barrier to using Java for Open Source development has been the the lack of Java binding for the plethora of support libraries. The Java-GNOME bindings aim to fill this gap for the GNOME community by allowing the use of native GTK and GNOME libraries from Java. The project has seen increasing momentum with new contributors sending in patches and mounting interest from developers wanting to write GTK/GNOME applications in Java.

On the C/C++ side of the fence, the C/C++ Development Tools (CDT) project is starting to release a product that is more feature complete with each release. This, along with various support plug-ins (libhover help, Change Log, Bugzilla) can help soften the learning curve for new developers and even speed development for experienced ones.

We will demonstrate the power and flexibility of the Eclipse IDE, and show how it can accelerate the development of GNOME apps written in either Java (via the Java-GNOME bindings) or C.

Andrew Overholt works for Red Hat Canada at their Toronto office. After a stint in their database group while on an internship during university, he now works in their Developer Suite group focusing mainly on Eclipse in Fedora. Andrew attended the University of Toronto and graduated from their Engineering Science program Electrical Engineering option. He is currently the XXX-Leedur of the Lady Godiva Memorial Bnad (sic).

Ben Konrath is a GNU/Linux and GNOME enthusiast. In the past, he has packaged Eclipse for a major GNU/Linux distributor and has made contributions to the GNOME community with his work on the GNOME On-screen Keyboard. Ben is looking forward to making future contributions to GNOME.

KARLSRUHE

The Future of Freedesktop.org

Keith Packard

An open review of the structure and role, both technically and physically, of Freedesktop.org. Goal is to clarify community and project interests, and to find Gnome community consensus and develop proposals for future organization and management. X.Org's experience as a case study.

Keith Packard has been developing open source software since 1986, focusing on the X Window System since 1987, designing and implementing large parts of the current implementation. He is currently employed by HP as a member of the Cambridge Research Laboratory working on window system technologies for pervasive and mobile computing. He received a Usenix Lifetime Achievement award in 1999 and an Open Source Grand Master award in 2003.

MANNHEIM

Pitivi - Non-linear video editing with GStreamer

Edward Hervey lead the initial development of Pitivi as his final year project at the Epitech Engineering School in France. After sucessfully pushing the project towards its initial release he is now working at Fluendo maintaining Pitivi and pushing it towards commercial grade quality.

REUTLINGEN

Extending Evolution with E-Plugins

Harish Krishnaswamy

Evolution was originally intended to be a show-case of Bonobo componentisation and extensibility, however over five years of development Evolution has turned into a monolithic integrated application which is difficult to extend and for users to enhance. The only bonobo components of note used by Evolution are part of the base application itself.

With the 2.2 release a new extensibility mechanism 'EPlugin' has been introduced to allow extension of the base application without requiring changes to the core source code. EPlugins can be developed and distributed independently of the main program and can extend the application in several useful and fine-grained ways, including contextual and application menus, internal events, and configuration windows. This tutorial will cover some of the ways in which Evolution can be extended, and walk through the implementation of a basic extension that adds new functionality which integrates into the main application.

Harish Krishnaswamy *is an engineer from the Linux Desktop Group at Novell. He has been hacking on the Evolution calendar and the Evolution Groupwise Connector since 2004. Earlier, he was part of the Nsure UDDI project, an LDAP-based Open source Enterprise registry server. He lives in Bangalore, India and is an active member of the GNOME Bangalore community.*

BERTHA
Now that we have Cairo, what's next?

Owen Taylor

GTK+-2.8 introduces Cairo, much advancing the rendering capabilities available to GTK+ applications. This talk covers using Cairo and other new capabilities in GTK+-2.8 to enhance the rendering of widgets and applications using techniques such as vector graphics, alpha transparency and animation. Audience members are discussed to put screenshots and source code of their application or widget on the web and send a link to otaylor@red-hat.com for live discussion of enhancing the rendering.

Owen Taylor *has been a core contributor to GTK+ project for over 8 years, with accomplishments such as coordinating the 2.0, 2.2, and 2.4 releases, redesigning the GDK layer to support multiple platforms, and designing and maintaining the Pango text layout library. With an educational background in Physics, Owen has been working on GTK+ and GNOME at Red Hat since 1998.*

KARLSRUHE

Remotely useful? VNC for GNOME

Mark McLoughlin

Remote visual access to your desktop (or someone else's desktop) is one of those things for which you can think of endless interesting use cases. Since GNOME is so heavily based on the network aware tecnologies, it shouldn't be so hard, right? Each of those interesting use cases should be a part of our daily lives.

This talk will start by taking a high level view of the various scenarios for needing remote access to one's desktop. It will then delve into details on some of the work being done to enable those use cases in GNOME and will conclude with a look broad look at areas of future interest. There might even be some demos ...

The talk will be quite technical. it will be aimed primarily at developers interested in learning about some of the technologies in this area and the areas in which help is needed to make GNOME "remotely useful".

Mark McLoughlin *is the author of Vino, GNOME's fledgeling "Remote Desktop" solution. He has been hacking on GNOME for nearly four years now and in that time has found himself working on bits like the panel, ORBit/bonobo, GConf, the session manager etc. Mark currently works for Red Hat on their Desktop team.*

MANNHEIM

Xiph.org - Open Media Formats

Ralph Giles

Ralph Giles *is a long time volunteer with the Xiph.org Foundation, a non-profit dedicated to the development of freely-implementable digital multimedia technology. Among other things he is the maintainer of the Theora video project and the closest thing Xiph has to a metadata expert.*

Under another hat, he works on Ghostscript. So you can blame him for Linux printing sucking so much. He lives in Vancouver, Canada.

REUTLINGEN

PyGTK and libglade

Martin Grimme

Python is a powerful object-oriented scripting language, which has complete bindings for GTK and many other GNOME components.

libglade is a library which allows dynamic generation of GTK+ interfaces from XML files. These files are generated by an IDE, making things like signal handling and widget layout easy, while leaving control of program logic in the hands of the programmer.

Gazpacho is one such IDE, written completely in Python. During this tutorial, an application will be written from scratch, in Python, using libglade and PyGTK, in the Gazpacho IDE.

Martin Grimme was born in 1979 in Passau, south Germany, where his passion for programming started with 13 years on a C64. In autumn 1999, he started studying computer science in Passau. His work on the popular desktop calendar gDeskCal began in December 2002 and he's been working on gDesklets since April 2003. His language skills include fluent English, some Japanese, and a bit of Mandarin Chinese, for natural languages, and Pascal, C, C++, Java, and Python for programming languages

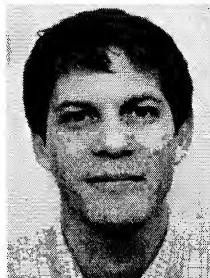## LUNCH BREAK

KÖNIG-KARL-HALLE

Keynote

Miguel De Icaza

Miguel de Icaza is one of the foremost luminaries in the Linux development community and one of the world's most prominent advocates for Free Software.

Miguel founded the GNOME project and is now Vice President of Developer Platforms for Novell. He was the first recipient of the prestigious MIT Innovator of the Year award in 1999. More recently, he received the 2005 STUG Award from USENIX in recognition of GNOME.

Miguel has galvanized efforts to make Linux accessible and available to the average computer user, and continues to reach out globally by working with international organizations to introduce affordable technology alternatives, like Linux, to other nations. Miguel began the Mono project, an open source effort led by Novell to provide developers with open source tools for building cross-platform applications that can run on Linux, UNIX, and other platforms.

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BERTHA

SELinux and GNOME - Towards A Least-Privilege Linux Desktop

Colin Walters

It is often claimed that Linux is a more "secure" desktop than competitors such as Windows. This talk however, we will focus on one particular class of threats, automated worms, and discuss how SELinux technology can be applied to Linux desktop software in order to prevent or greatly mitigate this threat.

Colin Walters is a member of the desktop team at Red Hat. He has been an active member of the free software community for several years, contributing to projects such as GNOME, GNU Emacs, SELinux, and Debian. At Red Hat now, he concentrates on Fedora development, where among other things, he has been maintaining most of the desktop multimedia software, assisting with SELinux integration, and working on the GNOME printing infrastructure.

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KARLSRUHE

Journey to a Localized Free Desktop

Danilo Segan

Getting a fully localised free software desktop is not only about translation: translation is one of the most visible parts of it, but there's far more to it.

I'll discuss issues of creating libc locales, compose files, XKBconfigurations, adding input and rendering support to Gtk+ andPango, and translation issues including presentation of xml2po for documentation translation and tools used to edit PO files. I'll describe issues relevant to both developers and translators.

Having developed Serbian libc locales and XKB layouts, and worked on DejaVu fonts and Serbian Gnome translation, I'll have a lot of practical experience to share on these topics.

The goal of the paper is to outline what it takes to get a fully localized free software desktop based on Gnome, and give out pointers and directions to anyone interested in tackling any of the issues raised.

Danilo Segan was born on March 29th, 1983 in Belgrade, Serbia and Montenegro. Currently 3rd year student of mathematics at the University of Belgrade, he got heavily involved in the Gnome community early in 2003, when he joined as a Serbian translation coordinator. He currently maintains or co-maintains two important pieces of software used for i18n in Gnome: intltool and xml2po. He's a big fan of Free Software.

MANNHEIM

GStreamer

Wim Taymans

GStreamer is currently having a lot of its core design documented and where needed redesigned. This talk will present the core changes to GStreamer in the 0.9 branch and the goals for 0.10 and 1.0.

The content of the talk will be a summary and overview of the technical changes planned for the 1.0 release. highlights include:

- Solving GStreamer threading issue
- Speedups for embeded devices
- High speed seeking and scrubbing
- Faster caps negotiation

Wim Taymans was one of the two initial developers of the GStreamer framework and is the lead designer of the current 0.9/0.10 version. Having worked for many years with high availability systems in Belgian banking he now works full time on GStreamer for Fluendo making sure GStreamer is rock solid.

REUTLINGEN

GNOME in Bangalore

Parag Goel

GNOME Bangalore was founded about one and a half years ago, and since then there has been an attempt to build a developer community in India. We have got very little success in terms of getting good developers to join the GNOME community. The bigger challenges exist in retaining the good developers. Over the last one and a half years, we have seen some good developers joining the community and then leaving shortly.

In this talk, I will try to share our experiences, and take opinions on how we should change our strategy to attract and retain good talent. I would like to understand how the other GNOME chapters have tackled this issue.

Parag Goel manages the Evolution and OpenOffice.org projects at Novell. He is a board member of gnomebangalore.org, where he is working towards building a GNOME hacker community in India. He likes to work with the student community in India to create many more GNOME hackers.

He has worked as a Unix/Linux developer for about 6 years before taking up a management role. He still loves to do a little bit of programming whenever he gets a chance.

In his spare time, he loves to play with his 2 year old daughter Prisha.

BERTHA

Gargantuan Tickling Killer Monkeys, a GTK#/Mono tutorial

Federico Mena Quintero

Mono is a free development platform based on the .NET framework. GTK+ is the toolkit used to build graphical user interfaces for the GNOME project. Gtk-sharp is how you use GTK+ from Mono. With it you can build graphical applications from a comfortable managed environment.

In this tutorial you will learn the fundamentals of GTK+ and Gtk-sharp, and how to program them with the C# language within Mono. You will learn how to create windows and controls, and how to accept user input and act on that input. You will also learn how to use the Glade user interface designer, and how to ship its data files with your program. During the tutorial we will build a few small programs ranging in complexity from a trivial "Hello, World" to a simple addressbook. Along the way you will learn some techniques for structuring graphical programs to make them easy to maintain.

The intended audience for this tutorial is beginner or intermediate programmers, or people who have never programmed GTK+ applications before. Basic knowledge of C# or Java is recommended.

Federico Mena-Quintero is one of the founders of the GNOME project, and a long-time contributor to GTK+. He works for Novell, Inc. in the Novell Linux Desktop team. His broken German is a paragon of incompleteness and good intentions.

KARLSRUHE

Writing about GNOME

Matthias Warkus

As a complex software system product such as GNOME evolves, the need for all kinds of written documents about it increases. This includes integrated documentation as well as third-party articles and books. This paper/talk will try to cover the most important areas of writing about GNOME, though with a focus on developer documentation. I shall present a few general points on good style both in general and in technical writing, then become more specific about the challenges in writing about software. Issues discussed will include the pros and cons of reference style vs. tutorial style, choosing an example strategy, how to deal with forward references, when and how to use listings and screenshots etc. I shall also talk about the specific problems I encountered writing a developers' manual about GNOME, from typesetting issues to the problem of how to write about an API that is still a moving target, and how to finish a book on free software before it becomes outdated. The target audience is anybody who intends to do any technical writing about GNOME, especially prospective authors of third-party literature such as books or online tutorials. My remarks on style will be sufficiently general to not be focused on English, German or any particular language.

Matthias Warkus is a 23-year-old student of philosophy in Marburg, Germany. He has contributed to GNOME as a translator for several years, and he has worked as a freelance translator, proofreader and reviser for O'Reilly Germany and Galileo Press. Articles by him on GNOME and other subjects have been published in different online and print media. In 2002, he wrote a comprehensive GNOME developer's manual, the translation of which has been endorsed by the GNOME Foundation as the Official GNOME 2 Developer's Manual.

MANNHEIM

Annodex
Conrad Parker

Annodex is an open standards based technology that extends the World Wide Web's hyperlinking, searching, and compositing infrastructure to time-continuous data, enabling video surfing, searching for clips of audio and video files using ordinary Web search engines, and on-the-fly composition of a video on a Web server from previously annodexed clips.

Conrad Parker is a Senior Software Engineer at CSIRO Australia, working on free software and open standards related to Annodex. He has otherwise developed some useful free software projects including the Sweep sound editor, sane-v4l2 and tractorgen, and contributes regularly to projects such as Ogg, speex, theora and xine.

He is a former board member of the Australian Unix Users Group and a former president of the Sydney Linux Users Group.

The bowl contains a fish, and the fish contains a bowl. Let us now place some free software in the bowl, and the fish will be free.

REUTLINGEN

Getting more GNOME Users
Fernando San Martín Woerner

In this session I would like to raise the question "How can we get more users of GNOME?" Today we have a consistent platform and a clean desktop, nevertheless the GNOME community can grow much more if it is adopted by companies, governments and schools. Therefore we must ask ourselves what type of projects or applications we need to create or to improve in order to be attractive to more users. This is a session opened to developers and users.

Fernando is a System Engineer and Software Developer at Jefe de Informática de Galilea S.A, and maintainer of Gestor, an accountability project for GNOME in Chile. He is a member of the GNOME Chile community and a GNOME Foundation member since 2004 He is also a lecturer at Universidad Catolica del Maule, teaching GNOME and other linux stuff.

SUNDAY, 28TH * 17:00 PM - 18:00 PM

BERTHA

Fast and Slick: Optimal Linux system programming

Robert Love

The growing disparity between various components in a computer system—primarily the performance difference between processor and memory, memory and disk—only increases the importance of writing optimal system-level code.

This paper will address writing fast and slick GNOME code: The techniques, system interfaces, and best practices available to avoid performance pitfalls and capitalize on performance opportunities. Some interfaces and techniques discussed will be Linux-specific; other discussions will apply to any system. Everything will be applicable to the types of applications written in GNOME.

Amongst others, topics discussed include minimizing disk seeks, optimizing data access patterns, providing the VM with usage hints, modifying scheduler parameters, asynchronous I/O, Linux I/O schedulers, and mmap Insider, optimal approaches will be provided through knowledge of the Linux kernel and system-level libraries.

How do I write optimal code? How do I mitigate the performance hits inherent in disk access? How do I take advantage of new Linux system calls? What knowledge of the Linux kernel would help me better understand the issues and write better user-space code? Why is this kid so obsessed with disk seeks?

GNOME hackers of all levels are targeted, particularly developers writing lower-level components. We all need to get on this.

Robert Love, a kernel hacker at Novell, has a perfectly normal spleen. He is active in and passionate about both the GNOME and kernel communities. He writes books; please buy them.

KARLSRUHE

LTSP

Jim McQuillan

LTSP is an add-on package for Linux that allows you to connect lots of low-powered thin client terminals to a Linux server. Applications typically run on the server, and accept input and display their output on the thin client display.

Jim has been developing solutions for customers, utilizing Unix and networking since 1984 and has been involved with Linux since 1995. Jim has functioned as a Chief Technologist for more than 20 years and is responsible for the successful deployment of health care systems throughout the North Eastern United States. Jim is currently the President of the Michigan Unix Users Group and is a member of the X.org Foundation interim board of directors. Additionally, Jim is the founder and project leader of the Linux Terminal Server Project (LTSP), an open source project which has received world wide recognition as the standard method of deploying Thin clients in a GNU/Linux environment.

MANNHEIM

The Dirac Video Codec

Thomas Davies and Anuradha Suraparaju

In recent years, there have been a number of open source initiatives in video compression. Dirac is the BBC contribution to this field, and was released on Sourceforge in March 2004. Dirac's strength is that it is highly competitive in performance to other codecs, from low-data rate streaming through to HDTV, but is based on quite different video compression technology, using wavelets, which helps avoid unpleasant block artifacts that are present in conventional systems at low bit-rates. This session will provide an introduction to Dirac and will describe the current state of the project, the technology, architecture and the roadmap for future developments in Dirac.

Thomas Davies joined BBC Research and Development in 2000 after a PhD in Mathematics and a spell in IT and comms consultancy. He's been involved in video coding systems and compression algorithms since 2001, and began developing what became the Dirac system in 2003. He's currently leading algorithmic developments within Dirac.

Anuradha Suraparaju graduated in Electronics and Communications Engineering from JNTU, Hyderabad, India. She has developed image processing software for the Indian Space Research Organisation and transport optimisation and vehicle tracking software for a commercial U.S./Australian software company. She joined BBC Research and Development in 2003 and has developed Free Software supporting the standardisation work of BBC R&D and is currently managing the Dirac video codec software.

REUTLINGEN

Cultivating 3rd World Developers

Germán Póo Caamaño

In the world of the Free Software development is commonly said that Free Software will be successful in Third World Countries. Nevertheless, the incorporation of developers from Third World Countries must surpass several barriers to get active hackers into the community. The session will discuss how cultural differences, resources, languages skills, self-esteem affect potential contributors. There will be a case study on Chile and the experiences shared with other people advocating GNOME in their own countries and alternative approaches from the GUADEC, not only to accelerate the development of GNOME, but that allows to extend the community of users and developer at world-wide level.

Germán Poó Caamaño is one the coordinators of the Spanish team and author of gnome-nettool, founder of the Chilean Linux Conference (know as "Encuentro Linux"), co-founder of GNOME-Chile, an active member of GNOME-Hispano, and a Free Software and GNOME advocate.

MONDAY, 30TH ★ 9:30 AM - 10:30 AM

KÖNIG-KARL-HALLE

Keynote

Mark Shuttleworth

Mark studied finance and information technology at the University of Cape Town, and went on to found Thawte, a company specializing in digital certificates and Internet privacy. He sold Thawte to US company VeriSign in 1999, and founded HBD Venture Capital and the Shuttleworth Foundation. In April 2002, Mark flew in space, as a cosmonaut member of the crew of Soyuz mission TM34 to the International Space Station. Mark was born and raised in South Africa. He is currently living in London and recently started Canonical, Ltd., corporate parent of Ubuntu, on the the Isle of Man.

MONDAY, 30TH ★ 10:30 AM - 11:30 AM

BERTHA

Interface Stability and System Evolution

Ed Hunter, John Plocher and Joe Kowalski

Internal to Sun Microsystems we have a process we follow to track and document the stability of interfaces used by the system as a way of maintaining compatibility. This talk will describe that process and some of the things we've learned about interfaces and controlling them in a large complex system (Solaris) being worked on by multiple developers in many different locations.

Ed Hunter
After being told by his graduate professor at Berkley in 1984 that Sun Microsystems was a startup that "might make it " Ed took his masters in computer science and sought his fortunes with the young company. Not being one to stay settled in one place for too long, Ed has been working in various parts of Sun for the past twenty years, most notably the Solaris group, iPlanet and Java Enterprise systems groups. He is currently in the CTO office in the Architecture and Technology group and is a chair of the Web Services Architecture Review Committee, one of Sun's internal architecture committees.

Outside of work he spends his free time in the theater (behind the scenes, not on stage).

KARLSHRUHE

Eclipse, Java-GNOME, and GCJ

Ben Konrath and Andrew Cowie

This session will discuss the development of a GNOME GUI Builder written for use within Eclipse, including the motivation for such an Eclipse plug-in including the state of Eclipse's Visual Editor and Graphical Editing Framework and how they fit in with GUI design. The goals and future of the project and implementation will also be discussed, with an overview of the structure and development. There will be a demo of plug-in, showing how it can be used to develop a GNOME app from start-to-finish within Eclipse.

Ben Konrath works at Red Hat's Toronto office doing general work on their Eclipse offering, Red Hat Developer Suite. In the past, Ben has made contributions to the GNOME community with his work on the GNOME On-screen Keyboard.

Andrew Cowie is a long time Unix and Linux user & advocate. Now based in Sydney, Andrew runs Operational Dynamics, a management consultancy helping clients worldwide with technology strategy, changes & upgrades, enterprise architecture, and performance improvement for mission critical systems & the people who run them.

On the technical side, Andrew has extensive experience as a Unix/Linux sysadmin, Java developer, and has long been a GNOME enthusiast. Most recently, he has been contributing by testing the releases from the java-gnome language bindings project, packaging it for Gentoo, and writing applications using java-gnome, eclipse, and gcj.

MANNHEIM

A Better Future Through Panel Applets

Davyd Madeley

GNOME has had a panel since... forever. Almost everyone who uses GNOME has at least one panel on their desktop, and as such the applets running in their panel should are used constantly. This means that applets in the panel should be of a generally better quality and higher level of maintenance then any other application on the desktop. Kickarse, well designed applets are only part of the equation in the ultimate panel experience. I have identified three types of applets relevant in the GNOME desktop.

"Session Applets" tied to the lifetime of the session, "Hardware Applets" tied to the lifetime of hardware, and "Notification Applets" tied to the lifetime of a particular piece of software. Currently the desktop only handles session and notification applets, completely neglecting the most important type of applet, those related to hardware.

GNOME's future (perhaps GNOME3) should include a new generation of applet that can handle all three use cases via the same basic protocol. A new library libgnome-applet (replacing libpanel-applet) will use D-BUS extensively for communication (instead of Bonobo).

Davyd Madeley is the current GNOME Applets maintainer, a job which kind of got lumped on him one day. He is currently studying at the University of Western Australia for his Bachelors in degree Electronic Engineering and Computer Science. While not as prolific as some hackers, he has his fingers in a number of pies, and has worked on Nautilus, GNOME-VFS, Yelp, GTK+, GNOME-Panel, Drivel and of course GNOME-Applets. As well as studying and working on GNOME, Davyd also works for a Perth based IT consulting company, which is being subtly converted to open source from the inside. Davyd dreams one day of having the most kickarse desktop in existence, though is trying to personally avoid putting in the work to do it.

MONDAY, 30TH ★ 10:30 AM - 11:30 AM

REUTLINGEN

Power Management and GNOME

Matthew Garrett

Mobile computing is a part of everyday life. Unfortunately, so is running out of battery. When every single operation reduces the amount of time the system can run for, it's clear that applications need to be aware of whether they're running on AC or battery, and cope accordingly. This BOF aims to work out what needs to be done in order to make this information available to applications, and how the applications should respond. Covered material will include what information modern hardware provides to userspace, the right layering model for ensuring that this is effectively passed on and ways that applications can make life easier for themselves and the user when complete system failure may only be minutes away.

Matthew Garrett is a PhD student in genetics at Cambridge University. Despite critical acclaim, his Livejournal was deemed "too controversial" to appear on Planet Gnome. In response, he wrote a piece of software designed to do nothing but break other people's software. Matthew believes that the word "vindictive" is underused in modern life, and would also like to assure people that he has a good memory for petty details.

MONDAY, 30TH ★ 11:30 AM - 12:30 PM

BERTHA

Lighting Talks

Nat Friedman "Master of Ceremonies"

For the first time at GUADEC, we will have lightning talks this year.

Lightning Talks are talks which are a maximum of 5 minutes long. Typically in a sixty-minute time slot there are 10-12 talks. They have become popular at conferences in the last few years.

If you have a project idea to pitch, a BOF to advertise, or something special to say, and you don't have time to prepare slides, then lightning talks are for you. Sign up on the Wiki.

Nat Friedman is Novell vice president of research and development. He co-founded Ximian with Miguel de Icaza to create a GNOME-based desktop application suite that would meet the demands of large scale enterprise deployments. With the acquisition of Ximian by Novell, Nat is now a driving force behind Novell's Linux product and open source strategies. Both a hacker and an entrepreneur since childhood, Nat earned bachelor's degrees in Mathematics and in Computer Science at MIT. A former steering committee and board member of the GNOME Foundation, Nat now serves on its Advisory Board.

KARLSRUHE

Windows Migration Study

Anna Dirks and Peter Goodall

Anna Dirks is a Free Software developer who works for Novell, where she focuses her efforts on usability and user interface design. She has recently conducted a large scale usability study which examined the issues that people migrating to a Linux desktop experience, and is eager to discuss her findings at GUADEC.

In her spare time, she enjoys cooking and scuba diving.

Peter Goodall, Product Manager for Novell Linux desktop, has been working in the software field for nearly 10 years. He began his career as a Windows support technician - but by 2001 he had had enough of the Blue Screen of Death, and joined at Ximian as the company's sole support technician. In his current role at Novell, Pete works directly with customers, helping to ensure that NLD continues to evolve to meet their needs.

MANNHEIM

Advanced Unit Testing

Stefan Kost and Thomas Wabner

In this tutorial we will show how to increase software quality in c-based projects (which applies to many gnome related projects) by using unit-tests. We start with a short introduction of unit testing for c-language.

Here we refer to extreme programming and making a short comparison to JUnit for the Java language.

Next we provide some strategies, of how to structure your project to integrate and write test cases in a simple and structured fashion.

Then we proceed with details about testing and checking tools that can be used to find out bugs uncovered by the unit tests.

This is followed by an overview about coverage tools. By using these one can generate a nice HTML-based overview over the project testing coverage.

At the end we would provide a conclusion including fields we personally would like to see improved.

Stefan Kost had his first contact with computers with z80-based machines and then an AMIGA. He studied computer science at the University of Applied Science at Leipzig, Germany, then worked for three years at the university developing software for online libraries. He has contributed to several open source projects in the last few years, such as gstreamer, gtk-doc, GTK+/glib (mostly docs), and libxml, as well as his own buzztard multimedia project.

Thomas Wabner studied computer science, and worked for five years, at the University of Applied Science in Leipzig, Germany, and now works for Siemens as a software engineer. He contributes to open source projects, such as Buzztard. Thomas also publishes articles in PC-Professionell magazine, and is an active vocalist.

REUTLINGEN

GNOME-LOVE Workshop (Part #1)

Fernando Herrera and James Bowes

This workshop will demonstrate to developers how they can begin to contribute to GNOME. It will cover technical issues and internals and address important details about the social and bureaucratic parts of the GNOME development process. This session will assist people in crossing the critical "bridge" from having knowledge about GNOME towards applying that knowledge in a way to improve GNOME.

Fernando Herrera has been an open source developer since 1996. In 1997 he led the Eurielec Linux project, the first Spanish Linux distribution. Since then he has contributed to projects (usually very little contributions) like XFree86, the first linux-usb project, some KDE programs, and CiberTienda. He has also written technical articles for some spanish magazines about Unix programing, GTK+, KDE, etc.

James Bowes is currently taking his Masters in Computer Science from Dalhousie University in Novia Scotia, Canada. He started working on GNOME in 2004 with help from the GNOME Love folks. Now they won't let him go. James vows to one day get gnome-keyring-manager into the GNOME Desktop.

LUNCH BREAK   12:30 PM - 14:00PM

KÖNIG-KARL-HALLE

Project Topaz

Jeff Waugh

Project Topaz is a long term roadmap for GNOME. You could call it "GNOME 3.0". This presentation will summarise what it looks like now, how we can manage the process of understanding and defining it, and how to actually *do* it. The presentation will then explode into a massive brainstorming session, and hopefully fuse the synapses of everyone present.

Jeff Waugh is the head beekeeper of the GNOME Release Team, a former Director of the GNOME Foundation Board and former president of the Sydney Linux User's Group. By day, he works on Ubuntu. By night, he steals dreams from small children and sells their distilled energy to large multi-national corporations to fund his Free Software habit. He still does not say "mate".

REUTLINGEN

GNOME-LOVE Workshop (Part #2)

Fernando Herrera and James Bowes

This second session will be a live hacking session that will show how the various tools and processes are used in fixing real world problems. This will include selecting a task to work on from bugzilla, fixing the problem, making a patch, submitting the patch to the maintainers, and committing the patch directly if we can get the fix approved quickly enough. It will conclude with us proposing some easy tasks to be tackled by attendees.

Fernando Herrera *has been an open source developer since 1996. In 1997 he led the Eurielec Linux project, the first Spanish Linux distribution. Since then he has contributed to projects (usually very little contributions) like XFree86, the first linux-usb project, some KDE programs, and CiberTienda. He has also written technical articles for some spanish magazines about Unix programing, GTK+, KDE, etc.*

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BERTHA, KARLSRUHE, and MANNHEIM

Freeform Sessions

The Freeform Sessions are the crown jewel of the conference on Monday—a time where we get the juices flowing and do what everyone is coming to GUADEC for—plan the future of GNOME. Some of this is planned, and a lot of it isn't. This is your day, particularly module maintainers who have had to skip lunch to do planning sessions in the past. Use the wiki, use the whiteboards, get people in one place, and knock yourselves out.

MONDAY, 30TH ★ 15:00 PM - 16:00 PM

REUTLINGEN

Marketing GNOME

Luis Villa

This mini-talk and followup BOF will be aimed at informing and discussing the current efforts of GNOME marketing. It will serve as a follow-up and recap of the GUADEC marketing BOF <http://tieguy.org/events/2004/gnomesummit/marketing-notes/>. Topics of particular interest for the BOF will include, but are not limited to:

• how should we prioritize our marketing?
• what are our shortcomings in marketing materials?
• what are the marketing low-hanging fruit?

While an undergraduate computer science and political science major at Duke University, Luis worked as a a volunteer with the Mozilla project's QA team. After graduation, Luis was hired to lead and organize the QA process for Ximian's Evolution PIM. After the sucessful release of Evolution, Luis began working on the GNOME desktop's 2.0 release, successfully planning and executing a QA plan that tied together professional QA from Sun Microsystems, Inc. and QA volunteers from all over the globe. The eventual result of the plan was the GNOME 2.0 desktop, widely considered the most stable and bug-free release GNOME has yet had. Since then, Luis has lead teams at Ximian and Novell to deliver commercial Linux desktop products based on GNOME 2.2 and 2.6, while trying to remain active in GNOME via the board and bugsquad.

MONDAY, 30TH ★ TIME & ROOM ★ T.B.A.

"Whats New in GTK+ 2.6"

Matthias Clasen

GTK+ and GLib 2.6 contain a considerable amount of new APIs. Some of the new interfaces replace similar interfaces in libgnome or libgnomeui. Others add commonly needed functionality which was previously missing or only available in custom, application-specific widgets.

The talk will present many of the new features. The focus will be on examples showing how to migrate existing code to the new GTK+ and GLib *interfaces. But there will also be time to showcase some of the interesting new possibilities, and maybe to take a glimpse ahead to GTK+ 2.8.*

Matthias Clasen has been working on GTK+ for almost 4 years, and has been responsible for most GTK+ releases since 2.4. He is also contributing to gtk-doc and GLib. Being a mathematician and logician by education, Matthias has been a member of the Desktop Team at Red Hat since April 2004. He usually spends the time away from the computer with his family.

KÖNIG-KARL-HALLE

GNOME Foundation Annual Members Meeting

GNOME Foundation Board of Directors: Jonathan Blandford, Murray Cumming, Jody Goldberg, Miguel de Icaza, Federico Mena-Quintero, David Neary, Timothy Ney, Christian Schaller, Owen Taylor, Daniel Veillard and Luis Villa.

KÖNIG-KARL-HALLE

Freeform Group Session

This is the time when we all get together for a big fuzzy group hug. After the frenzied planning sessions during the day, we get together to have a session which will be similar to the Lightning Talks earlier in the day. The conclusions and ideas which will come from the smaller group sessions will be presented to the conference, and then we will adjourn to somewhere nice and quiet to discuss things.

KÖNIG-KARL-HALLE

GNOME User & Business Day, Opening Remarks
Timothy Ney, GNOME Foundation Executive Director
Anne Østergaard, Vice Chairman, IT- Political Association, Denmark
and Luis Villa GNOME Foundation Board Member

KÖNIG-KARL-HALLE

Keynote

Dan Kusnetzky

Daniel Kusnetzky, Vice President of IDC's System Software research, is responsible for research and analysis on the worldwide market for operating environments, PC and device management software, mobile and wireless infrastructure software and the fabric of distributed computing software known as the virtual environment. He examines emerging technology trends, vendor strategies, research and development issues, and end-user integration requirements.

Mr. Kusnetzky regularly advises end users, independent trade organizations, the trade press, and vendors on relevant issues. His opinions have been published in publications such as Boston Globe, Business Week, Computer World, Communications Week, Information Week, InfoWorld, Investor's Business Daily, Network World, New York Times, PC Week, PC World, San Jose Mercury News, Wall Street Journal, and others. He as appeared on CNN, MSNBC and CNBC.

KÖNIG-KARL-HALLE

Interoperability, Standards and Open Source
Barbara Held

Dr Barbara Held is presently working as Detached National Expert at the European Commission where she is Programme Manager at the unit for Interchange of Data between Administrations (IDA). She is project officer of the European Interoperability Framework (EIF) and related projects. Barbara Held formerly served at the German Government's Coordination and Advisory Board for IT in the Administration in the Federal Ministry of Interior (KBSt).

BERTHA

Linux Desktop Migration

Horst Braeuner, Bernhard Schuler and Thomas Uhl

Horst Braeuner is the Chief Technology Officer and Chief Information Officer for the City of Schwaebisch Hall in the German federal state of Baden-Württemberg. Mr. Braeuner holds a diploma in Public Adminstration. He is a Certified Security Engineer and project manager for the city network.

Bernhard Schuler has served as the head of the Environmental Office of the County Council of the Zollern-Alb-Kreis and in the central office of the Ministry of Environment of the State of Baden-Württemberg in Stuttgart. In 1993, Bernhard Schuler was elected as Lord Mayor of Leonberg, a country town with about 45,000 inhabitants, where he has spearheaded the migration of the city's computer systems to open source software.

Thomas Uhl graduated from the University of Heidelberg as a medical computer scientist. While still a student, he published two books on Linux. In 1994, he founded Thinking Objects Software GmbH, based in Stuttgart. He is chairman of the Linux Working Group of Guide Share Europe (GSE) and was is on the board of directors of Topalis AG. Thomas Uhl is a founding member of GNOME Deutschland e.V. and the Linux Solution Group (LiSoG).

MANNHEIM

GNOME Meeting

Damien Sandras

GnomeMeeting is an H.323 compatible videoconferencing and VOIP/IP-Telephony application that allows you to make audio and video calls to remote users with H.323 hardware or software. It supports all modern videoconferencing features. The talk will present an overview of GnomeMeeting and its most useful functionalities. It will also introduce the future developments and features planned for the 2.xx release. The talk will also outline the main differences between the H.323 protocol and the SIP protocol and justify what protocol will be chosen as primary protocol for the future of GnomeMeeting.

Damien Sandras is the creator and developer of the GnomeMeeting VoIP and videoconferencing software. He is also part of the FOSDEM (Free and Open Source Developers' European Meeting) core team and is a long-time Free Software proponent.

He is currently working for Multitel, a research center specialized in Open Source, image processing, vocal technologies and telecommunications.

REUTLINGEN

Digital Photography in GNOME

Hubert Figuiére

Digital Photography in the last years has been the most dynamic market for photography products. Ever since the first consumer products that appeared in the mid 90s, UNIX users have been attempting to use them with their favourite environment. A few open source projects have given photographers ways to access their photos off either digital cameras or scanners from UNIX. I'll try to explain the different means of accessing these, depending of the media, and I'll try to cover tools and API available for GNOME users and developers.

SANE is the ultimate scanner driver for Linux. It provides drivers for more that 48 scanners families (each containing up to a few dozens of models) and more importantly a software architecture to use these drivers from various applications, including the GTK+ enabled frontend XSane.

ibgphoto2 is a library that allow you to access more than 400 different cameras over USB or serial port, in addition to the already supported cameras that use the USB Mass Storage protocol. Gtkam, its GTK+ frontend has been around for a while giving GUI access to the libgphoto2 features.

Around these two components, there are a other tools to manage and edit the pictures. The master piece is the well known Gimp, but we'll see that there are a few plugins that may be of good use, like Pandora or dustremove; as well as browsers like gqview or Nautilus.

Basic building pieces for digital photography in GNOME are here, but there are still areas were improvements can be made.

Hubert Figuiére had his first contact with UNIX in 1993, and has been using Linux daily since 1999. An avid photographer, when Hubert Figui-®re is not hacking, he is taking pictures. This hobby has lead to the enjoyment of working on digital photography support on UNIX.
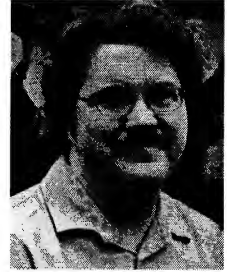
LUNCH BREAK   12:00 PM - 13:00PM

TUESDAY, 31ST ★ 13:00 PM - 14:00 PM

KÖNIG-KARL-HALLE

Keynote

Nathan Wilson

Nathan has been at DreamWorks animation studio for 8 years where he is the project lead for software distribution and configuration management. His film credits include the Prince of Egypt, the Road to El Dorado, Spirit, Sinbad, SharkTale and the upcoming release Madagascar. Nathan was the technical lead for DreamWorks' transition to Linux and the GNOME desktop. He has been an advocate of open source tools and development since 1984.

Prior to working at DreamWorks, Nathan established Digital Domain's New Media department, worked on a multimedia development environment at Apple, was a founder of Teleos Research, and did robotics and AI research at SRI International. He has a masters in computer science from the University of California Santa Cruz and a masters in experimental psychology from the University of Pennsylvania. He is also an avid mycologist.

TUESDAY, 31ST ★ 14:00 PM - 15:00 PM

KÖNIG-KARL-HALLE

OpenOffice 2 and StarOffice 8

Falko Tesch

A live demonstration of OpenOffice.org 2.0/StarOffice 8 (OO2/SO8) showing and explaining the major new features, like new tool bars and menus, new database, XForms, new multi-pane view of Impress and AutoShape support, better GNOME integration, scripting framework as well as MS Office filter updates.

I will also give an in-depth look on the impact of these features in relation to MS Office and the office productivity suite market in general.

The whole presentation will be run under GNOME/Linux (Sun JDS) and of course directly in SO8 Beta allowing the audience to experience the features in a real live GNOME environment.

Being with Sun Microsystems (Star Division) for more than 7 years, Falko worked in various fields with and for StarOffice/OpenOffice.org.
Starting his experience with StarWriter 2.0 for OS/2 back in 1994 Falko became a steady user of all succeeding versions of StarOffice. In 1997 he joined the support team of Star Division (the creator of StarOffice). He eventually became one of the initial members of StarDivision's first marketing team.

In 2000, when Sun Microsystems acquired Star Division, Falko moved into the emerging Product Management Team. With the team becoming the User Experience Team of today, he specialised in internationalisation and presentation issues.

BERTHA

Software Patents in Europe

François Pellegrini

François Pellegrini is currently associate professor at ENSEIRB, a french engineering school in computer science. He is vice-president of ABUL, the Association of Libre software Users of Bordeaux, which is involved in major libre software projects such as AbulEdu, an integrated libre software environment for schools ranging from pre-school to high-school, and such as the Libre Software Meeting.

François Pellegrini has been a staff member and the president of the program committee of the first three issues of the LSM. At the time being, as a member of the Eurolinux Alliance, he is working against the legalization of software patents in Europe, in particular through lobbying actions at the European Parliament.

MANNHEIM

Public Sector Desktops

Franz Preis

Franz Preis is Director Strategic Alliances at Novell Germany. In this role he accounts for the working relationship with hardware and software alliances such as HP. Preis holds an intermediate diploma for electrical science. He previously worked for Siemens AG, Breilmann GmbH and others and was temporary employed in South America before joining Novell in 2000.

REUTLINGEN

GNOME Deployment/Development in Brazil

Marcus Mazoni

Marcos Vinicius Ferreira Mazoni is the President and CEO of Companhia de Informatica do Paraña - CELEPAR, the IT corporation for the Brazilian state of Parañ, where he also serves as Secretary of State. Mr. Mazoni has a background in telecommunications and has a great deal of experience developing and deploying free software in a variety of settings. He was responsible for the world's first major public sector deployment of free software in Rio Grande do Sul. Mr. Mazoni is also the President of the Brazilian Association of Public Companies on Data Processing, with the objective of stimulating free software implementation in government companies throughout the country.

KÖNIG-KARL-HALLE

Creating Jobs - Open Source and Economic Development

Scott Kveton, Hans-Ulrich Schmid & Katy Huang

Scott Kveton is currently the Program Director for the Oregon State University Open Source Lab. The OSU Open Source Lab is tasked with strategic application development for OSU as well as providing hosting to large Open Source projects such as Debian, Gentoo, Freenode and Mozilla with 10 million unique visitors a day.

Hans-Ulrich Schmid is project manager ICT of the Stuttgart Region Economic Development Corporation (WRS). He has created and coordinates the "Open Source Region Stuttgart" initiative. With more than 40 events to date and several active websites, the initiative was most effective in making the IT-industry and IT-users in Germany more aware of their Open Source software options.

Katy Huang is an Associate with McKinsey's Business Technology Office in London, United Kingdom. She has a Master of Engineering in Chemical Engineering, Economics and Management from Keble College, Oxford University and an MBA from Harvard Business School (HBS).

BERTHA

Running large student projects on Free and Open Source Software
Prof. Bernd Bruegge

Bernd Bruegge *is university professor of computer science with a chair for Applied Software Engineering at the Technische University Munchen and adjunct professor at Carnegie Mellon University. His research interests include software architectures for dynamic systems, agile software development processes, and software engineering education. He received a PhD in computer science from Carnegie Mellon University.*

MANNHEIM

Beagle
Jon Trowbridge

Beagle is a desktop search system that is currently being developed by Novell.

Beagle acts as a search aggregator, providing a simple API for constructing and launching queries that search multiple data sources. Pluggable backends do the actual searching; Beagle consolidates an dranks the search results as they come out of the backends and passes them back to the querying client.

Because Beagle's query API is completely asynchronous, it can efficiently search remote data sources. One of Beagle's core backends can query Google via their web services interface, and an experimental network backend allows queries to be forwarded to instances of Beagle running on remote hosts. Beagle is part of the Dashboard project, a broader initiative to develop innovative new ways for people to find, manage and share their data.

Jon Trowbridge *is a longtime GNOME hacker and free software advocate. He is the technical lead of the Beagle project and is currently employed by Novell.*

TUESDAY, 31ST ✶ 15:00 PM - 16:00 PM

REUTLINGEN

Flumotion

Thomas Vander Stichele

Thomas Vander Stichele presents the Flumotion Streaming Server. He will talk about the development and practical programming lessons learnt doing a distributed multimedia streaming server in the versatile python programming language. He will also do short demoes of current functionality. Flumotion is the streaming server used to stream the GUADEC conference the last two years.

Thomas Vander Stichele is Fluendo's project lead on the Flumotion Streaming Server. He has been an active contributor to GStreamer and GNOME for many years and did one of the first commercial deployments of GStreamer-basedsoftware while working as the CTO for one of Belgium's biggest private radio stations.

TUESDAY, 31ST ✶ 16:00 PM - 17:00 PM

KÖNIG-KARL-HALLE

101 Things to know about GNOME

Glynn Foster

The GNOME Desktop started in August 1997, and since then has gone from strength to strength. As with all open source projects by their nature, GNOME relies heavily on the time and investment by hundreds of volunteer contributors right across the world. This often creates a varied and diverse community, full of personalities, stories and, ultimately, software - but quite often the people behind the project are just shadows.

This talk is the trainspotters guide to the project - the essential (and not so essential) information for getting involved, meeting the people and having fun while you're at it.

Glynn currently lives in New Zealand as he likes to be a day ahead of most people. He has been working on GNOME with Sun Microsystems for over 4 years now. Glynn was previously a GNOME Foundation Board director, and helped organize GUADEC in Dublin. He is now a free man, but does not say "bro".

BERTHA

Nokia and Open Source

Yannick Pellet, Carlos Guerreiro

Yannick Pellet of Nokia will present some of the work they have been doing with Open Source at Nokia focusing especially on the work they have been doing with GNOME and GStreamer related technologies.

Yannick Pellet *leads a software R&D team at Nokia Multimedia working on software for Linux based mobile devices. Yannick is responsible for Application and Multimedia development. He has been involved in open source work for Multimedia embedded such as the DSPGateway.*

Carlos Guerreiro *leads a software R&D team at Nokia Multimedia working on software for Linux based mobile devices. He is responsible for the development of an Application Framework which relies heavily on GNOME components. Before joining Nokia in 2001 and moving to Helsinki he worked as a freelance developer in Portugal on various Computer Graphics and GIS software projects. Sometimes, if he behaves well his kids might let him hack a bit on CGEO.*

MANNHEIM

Enterprise Desktop - A User and Developer Dialog

Greg Kelleher

Greg Kelleher *IBM Corporate Linux Senior Program Manager, WW Linux Client Strategy and Market Development. A member of IBM's global Linux Desktop team shares some insight into the GNOME's place in the world.*

During the past 15 years, Greg Kelleher has worked with customers and business partners in the technology business focused on operating systems, server software, network infrastructure, and messaging. Greg is a long time advocate of open standards and Linux. For the past five years, Greg has been working as part of the IBM Linux team bringing Linux into the enterprise with IBM's customers, Business Partners, and Linux distribution partners.

REUTLINGEN

Masters Education at European Universities

*Dr. Cornelia Boldyreff, François Pellegrini, Jesus M. Gonzalez-Barahona,
David Megías and Anne Østergaard*

Cornelia Boldyreff has over 25 years experience in Software Engineering and has been a Professor of Software Engineering at Lincoln and leads the Distributed Software Engineering group. Her research spans both distributed systems and software engineering.

François Pellegrini is currently associate professor at ENSEIRB, a french engineering school in computer science. He is vice-president of ABUL, the Association of Libre software Users of Bordeaux and is a member of the Eurolinux Alliance, working against the legalization of software patents in Europe.

Dr. David Megías has a PhD in Computer Science from the Universitat Autonoma de Barcelona. He has done research at Oxford and at the Universidad de Valladolid, in both cases as an invited lecturer. He is currently a lecturer at the UOC (Universitat Oberta de Catalunya). David is also the co-director of the International Masters Program in Free Software which is currently offered at the UOC. His interests include Free/Open Source Software, security and copyright protection schemes, and process control.

Anne Østergaard has a Law Degree from the University of Copenhagen and has worked in the Danish State Administration and in international organizations. Anne uses her expertise to work for better regulations and democracy in the digital society, user friendly applications, free competition, free and open standards and interoperability.

KÖNIG-KARL-HALLE

GUADEC 6 Summary Session • Prize giveaway :)
Goodbye GUADEC, It's Back to Work!

Leslie Proctor, Moderator

Leslie Proctor *brings more than 20 years of experience in marketing, public relations and event planning.*

Leslie worked as an Account Supervisor for Ogilvy Public Relations, working on national, consumer technology and technology accounts. Her efforts garnered significant worldwide media attention for her clients. Additionally, Leslie has worked as press liaison for the Sundance Film Festival and the Los Angeles Festival, among others. Leslie was one of the first PR/marketing professional dedicated to the open source software arena, and has performed those duties for a wide variety of organizations, including the GNOME Foundation, OSDL, Free Standards Group, X.org and LTSP. She has been a featured speaker at a number of open source conferences from Seoul to Istanbul and is a founding member of the Linux Greenhouse and Linux Client Summit.

Leslie has experience in creating special events and tours of all sizes and types for a variety of clients, including Target Stores, Mervyn's, American Movie Classics and Disney. She has coordinated the trade show presence for the GNOME Foundation, Ad Systems and others. She has helped coordinate the GNOME User and Developer Forum (GUADEC) for the past four years and has assisted the coordination of the Global Linux Expo in Korea.

GUADEC
STUTTGART, GERMANY
MAY 29 - 31 ★ 2005

SUNDAY 29TH MAY ★ SCHEDULE

	BERTHA	KARLSRUHE	MANNHEIM	REUTLINGEN
08:30-09:30	REGISTRATION			
09:30-11:00	WELCOME — Dr. Walter Rogg, Timothy Ney & Owen Taylor			
11:00-12:00	The Eclipse IDE and you, Andrew Overholt & Ben Konrath	The Future of freedesktop.org, Keith Packard	Pitivi, Edward Hervey	EPlugin, Harish Krishnaswamy
12:00-13:00	Cairo, Owen Taylor	Remotely Useful? VNC for GNOME, Mark McLoughlin	Xiph, Ralph Giles	PyGTK and libglade, Martin Grimme
13:00-14:00	LUNCH			
14:00-15:00	KEYNOTE — Miguel de Icaza, Novell			
15:00-16:00	SELinux and GNOME, Colin Walters	Localized Free Desktop, Danilo Segan	GStreamer 0.10, Wim Taymans	GNOME in Bangalore, Parag Goel
16:00-17:00	Gargantuan Tickling Killer Monkeys, a GTK#/Mono tutorial, Federico Mena Quintero	Writing about GNOME, Matthias Warkus	Annodex, Conrad Parker	How To Get More Users of GNOME?, Fernando San Martin Woerner
17:00-18:00	Optimal GNOME Programming, Robert Love	LTSP, Jim McQuillan	Dirac, Thomas Davies & Anuradha Suraparaju	Cultivating Third World Developers, Germán Poó Caamaño

	BERTHA	KARLSRUHE	MANNHEIM	REUTLINGEN
09:30-10:30	**K E Y N O T E** — *Mark Shuttleworth*, Canonical, Ltd.			
10:30-11:30	**Interface Stability...,** *Ed Hunter, John Plocher & Joe Kowalski*	**Eclipse, Java-GNOME, and GCJ,** *Ben Konrath & Andrew Cowie*	**A Better Future through Panel Applets,** *Davyd Madeley*	**Power Management in GNOME,** *Matthew Garrett*
11:30-12:30	**Lightning Talks,** *MC. Nat Friedman*	**Windows Migration Study,** *Anna Dirks & Peter Goodall*	**Advanced Unit Testing,** *Stefan Kost & Thomas Wabner*	**How to Contribute to GNOME, Part 1,** *Fernando Herrera*
12:30-14:00	L U N C H			
14:00-15:00		**Project Topaz, Planning for 3.0,** *Jeff Waugh*		**How to Contribute to GNOME, Part 2,** *Fernando Herrera*
15:00-16:00	**Freeform Sessions,** *MC. Jeff Waugh*			
16:00-...	GNOME Foundation AGM			
17:00-18:00	**Freeform Group Session**			
19:00-Late!	**G U A D E C P A R T Y**			

Day Three

	KÖNIG-KARL-HALLE	BERTHA	MANNHEIM	REUTLINGEN
09:00-9:30	GNOME User & Business Day, Opening Remarks *Timothy Ney*, Executive Director GNOME Foundation *Anne Østergaard*, Vice Chairmain IT-Political Association, Denmark, *Luis Villa*, GNOME Foundation Board			
10:30-11:00	Break			
11:00-12:00	Interoperability, Standards and Open Source, Dr. Barbara Held	Linux Desktop Migration Horst Braeuner, Bernhard Schuler & Thomas Uhl	GNOME Meeting VoIP Damien Sandras	Digital Photography in GNOME Hubert Figuiére
12:00-13:00	LUNCH			
13:00-14:00	KEYNOTE — *Nathan Wilson*, Dreamworks Animation			
14:00-15:00	Open Office 2 & StarOffice 8 Falko Tesch	Software Patents in Europe François Pellegrini	Public Sector Desktops Franz Preis Linux Kommunale	GNOME Deployment/ Development in Brazil Marcus Mazoni
15:00-16:00	Creating Jobs: Open Source & Economic Development Scott Kveton, Hans-Ulrich Schmid & Katy Huang	Running Large Student Projects on Open Source Software Prof. Bernd Brügge	Beagle Jon Trowbrdige	Flumotion Thomas Vander Stichele
15:30-16:00	Break			
16:00-17:00	101 Things to Know about GNOME Glynn Foster	Nokia and Open Source Yannick Pellet	Enterprise Desktop A User/Developer Dialog Greg Kelleher	Masters Education at Euopean Universities Dr. Corneila Boldyreff François Pellegrini, David Megias & Anne Østergaard
17:30-18:00	Goodbye GUADEC! It's Back to Work!, *MC. Leslie Proctor*			

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GNOME Deutschland e.V.
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Jonathan Lozinski
Daniel Pisano
Andreas Thienemann

Registration Site Hosting
Scott Kveton
Corey Shields
Open Source Lab

GUADEC Design
GUADEC 6 Logo Design - Jim McHarg
Daniel Nümm & Nadine Malecki, Banner
Programme Design - Toni Lock, tmdesigns
Programme Printing - ZenZoeys
Izabel Cerqueira Valverde, T-shirt & Banner production

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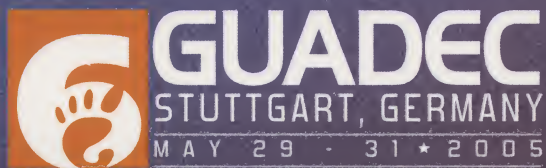Dirk Beiersdorff, German Press Agentur

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Michael Schulz, HP Hardware Support
Greg Kelleher & Rainer Sawall, IBM Hardware Support

GUADEC LiveCD
Andreas Mueller

Network
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